



# Jihad Abdelhamid Hammad

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## Objective

To be in a leading centre of learning and research, contributing not only towards human advancement and discovery in my field of specialization but to show the superiority of my work in terms of quality and excellence

## Research Interests

- E-learning
- Adaptive-E-learning
- Scientific Computing
- Distributed Computing and Systems
- Security
- Multimedia and networks

## Research Publication

- Fast Database Indexing For Large Protein Sequence Collections Using Parallel N-Gram Transformation Algorithm, 2009, International Conference on High Performance Computing (ICHPC 2009), Dubai, United Arab Emirates, 28<sup>th</sup> – 30<sup>th</sup> January 2009, WCSET 2009: World Congress on Science, Engineering and Technology
- A Comparative Study between Various Sorting Algorithms, IJCSNS International Journal of Computer Science and Network Security, VOL.15 No.3, March 2015
- Text Modeling In Adaptive Educational Chat Room Based On Madamira Tool, 19<sup>th</sup>- 21<sup>st</sup> September 2017, 4th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2017)
- Developing an LMS-Based Cross-Platform Web Application for Improving Vocational High School Students' Competitiveness in ASEAN Economic Community, Hary Suswanto, Ahmad Mursyidun Nidhom, Andika Bagus Nur Rahma Putra, Jihad AH Hammad, Jurnal Pendidikan Sains, Volume5, Issue 3, 2017.
- Market Basket Analysis to Identify Customer Behaviours by Way of Transaction Data F Kurniawan, B Umayah, J Hammad, SMS Nugroho, M Hariadi, Knowledge Engineering and Data Science 1 (1), 20-25, 2017.
- Open Learning Systems for Learners with Capabilities as Innovators at State University of Malang, Jihad Hammad Henry Praherdhiono, Sulton, AJE Toen Lioe, Advances in Social Science, Education and Humanities Research, Volume164, Issue 2018.
- E-learning and Adaptive E-learning Review, Jihad Hammad, Mochamad Hariadi, Mauridhi Hery Purnomo, Nidal Jabari, Fachrul Kurniawan, International Journal Of Computer Science And Network Security, Volume18, Issue 2, 2018.
- Modeling of time series data for forecasting the number of foreign tourists in east Kalimantan using fuzzy inference system based on ARX model, Havaluddin Said Keliwar, Arief Bramanto, Wicaksono Putra, Jihad Hammad, International Journal of Engineering & Technology, Volume7, Issue: Special Issue 2, 3/5/2018
- Developing Intelligent Adaptive Virtual Class Model (IAVCM) System based on Tokenization, Jihad Hammad, Mochamad Hariadi, Mauridhi Hery Purnomo, Nidal Jabari, IJCSNS International Journal of Computer Science and Network Security, VOL.18 No.4, April 2018.
- Customer trust of online shopping using social media, VE Mariana, AP Wibawa, Jihad Hammad, R Herdianto, IOP Conference Series: Materials Science and Engineering, Volume403, Issue 1, 9/2018.

## Participations

- Researcher and Presenter in International Conference on High Performance Computing (ICHPC 2009), Dubai, United Arab Emirates, 28<sup>th</sup> – 30<sup>th</sup> January 2009, WCSET 2009: World Congress on Science, Engineering and Technology
- Poster Presenter in 5<sup>th</sup> International Symposium on High Capacity Optical Networks & Enabling Technologies (HONET 2008), November 18<sup>th</sup> – 20<sup>th</sup>, 2008, Penang, Malaysia.
- Speaker in Palestine Microsoft Tech Days, 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> November, 2009 in Polytechnic University, Grand Park Hotel, and Nijah University.
- Speaker in the Palestinian IT Professional Community's (PalPros) monthly event and Microsoft Activities in Palestine.
- Reviewer in IEEE, Scopus Index conference called: International Electronics Symposium (IES) 2018, Indonesia.
- Researcher and Presenter in the 4th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2017), Indonesia.

## Education

|                       |  |             |
|-----------------------|--|-------------|
| <b>PhD</b>            | <b>Institut Teknologi Sepuluh Nopember (ITS), Surabaya, Indonesia</b><br>Electrical Engineering                        | 2015 - 2018 |
| <b>MSc (CS)</b>       | <b>University Sains Malaysia, Penang, Malaysia</b><br>Masters of Computer Science (Distributed Computing and Networks) | 2007 – 2009 |
| <b>BSc (CS)</b>       | <b>AL Quds Open University, Bethlehem, Palestine</b><br>Bachelor in Computer Information Systems                       | 1994 – 2000 |
| <b>Diploma (math)</b> | <b>Talkarm Community College, Talkarm, Palestine</b><br>Diploma in Math and Education.                                 | 1987 – 1990 |

## Professional Certifications

- **Microsoft Certified System engineering (MCSE).**
- **Microsoft Certified System Administrator (MCSA).**
- **Microsoft Certified Professional (MCP)**
- **IC3 : Internet and Computing Core Certification**
- **MTA: Networking Fundamentals**
- **MOS: Microsoft Office Specialist (Microsoft Office Excel 2010)**
- **MCE: Microsoft Certified Educator**
- **ICDL: International Computer Driving Licence ( Trainer, Tester, and Center Manager)**
- **Cambridge English: Preliminary (PET)**

## Professional Job History and Experience

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|--|--|------------------------|
| Faculty member                                     | <b>AL Quds Open University, Bethlehem Branch, Palestine</b><br>Bethlehem, Palestine. ( The courses including OS, Software engineering, Data communication, Systems Control, programming using C#, Direct Communications Systems, Database) | (Jan 2010 – Now)       |
| ICDL - Instructor                                  | <b>AL Quds Open University, Bethlehem Branch, Palestine</b>  | (2009 – Now)           |
| Dot Net – C#<br>Programing<br>language -Instructor | <b>AL Quds Open University, Bethlehem Branch, Palestine</b>  | (2009-Now)             |
| Researcher Officer                                 | <b>School of Computer Sciences, University Sains Malaysia</b><br>Penang, Malaysia.   | (June 2008 – Aug 2008) |
| Network Admin & Part<br>time Tutor                 | <b>AL Quds Open University, Bethlehem, Palestine</b><br>Bethlehem, Palestine.  | (2002 – 2007)          |
| MS-Networks<br>Instructor                          | <b>Friends of Fawzikawash IT Center of Excellence (FFKITCE) (Palestine Polytechnic University)</b><br>Hebron, Palestine.   | (2006 – 2007)          |
| ICDL - Instructor                                  | <b>Hulul Business Solutions</b><br>Al-Bireh, Palestine   | (2006 – 2007)          |

|                                      |  |               |
|--------------------------------------|--|---------------|
| Computer Teacher                     | <b>Bethlehem chamber of Commerce and Industry</b><br>Bethlehem, Palestine. | (2002 – 2003) |
| Supervisor- Inclusive Education team | <b>Directorate of Education</b><br>Bethlehem, Palestine.                   | (2000 – 2002) |
| Computer Teacher for Blinds          | <b>Bethlehem Arab Society for Rehabilitation</b><br>Bethlehem, Palestine.  | (2000 – 2002) |
| Math Teacher                         | <b>Government School</b><br>Bethlehem, Palestine.                          | (1995 – 2000) |
| Computer Teacher                     | <b>The Children's Cultural Center (Ghiras)</b><br>Bethlehem, Palestine.    | (1998 – 1999) |
| Web Designer                         | <b>The Children's Cultural Center (Ghiras)</b><br>Bethlehem, Palestine.    | (1999 – 2000) |
| Editor                               | <b>Sinan Child Magazine</b><br>Bethlehem, Palestine.                       | (1997 – 1998) |

### Social Activities

- Co-founder at Knowledge learning center (KLC), and program manager for the English for Community Program which applied in cooperation with one of international organization called Step Foundation, the program offers a professional English courses for the Palestinian students (ESOL certificates).
- Founder and leader of a nonprofit organization for developers called The Palestinian .NET user Group (PALDEV) for more than five years , it is INETA Palestine and INETA charter member , I act as speaker in many workshops and event for this group.
- Founder and leader of a Palestinian IT Professional community (PalPros) (www.palitpros.net), I act as a leader and speaker in many workshops and event for this group.
- Community Launch Team 2007 (CLT) membership, I was nominated to get training for the new Microsoft Technology for 2007.

### Extra Curricular Activities

- Professional Photography
- Web Blogging
- Writing Poetry
- Reading Books

### Personal Information

Father's Name : Abdelhamid Hammad  
Date of Birth : 20<sup>th</sup> December 1967  
Nationality : Palestinian  
Passport# : 3519849  
Religion : Islam  
Marital Status : Married

### Referees

**Mochamad Hariadi, Dr**

**Mauridhi Hery Purnomo, Professor Dr.**

**Yousef Abuzir, Dr.**

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**Email:** Mauridhi Hery Purnomo

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